Section 3: Education



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Section 3

EDUCATION

This section presents statistics on enrollment in public and private schools, colleges and universities; students graduated and degrees awarded; the highest grade of school completed; achievement test results; school facilities, personnel, and expenditures; and libraries.

The principal sources of data on education are the U.S. Bureau of the Census, Hawaii State Department of Education, University of Hawaii, and private universities and colleges. *Historical Statistics of Hawaii*, Section 9, contains Island data back to 1820. Section 4 of the *Statistical Abstract of the United States: 1999* presents comparable information for the nation as a whole.

Table 3.01-- SCHOOL ENROLLMENT, BY TYPE OF SCHOOL AND AGE, BY GEOGRAPHIC AREAS: 1990

Subject	State total	Oahu	Other islands
TYPE OF SCHOOL			
Persons 3 years and over enrolled	290,578	221,821	68,757
Preprimary school	21,276	15,977	5,299
Public school	10,739	7,839	2,900
Elementary or high school	186,653	135,478	51,175
Public school	157,102	110,708	46,394
College	82,649	70,366	12,283
Public college	66,131	55,366	10,765
AGE			
Persons 3 years and over enrolled	290,578	221,821	68,757
3 and 4 years	11,695	8,797	2,898
5 to 14 years	148,259	106,913	41,346
15 to 17 years	39,058	28,670	10,388
18 and 19 years	16,589	13,458	3,131
20 to 24 years	24,866	22,136	2,730
25 to 34 years	24,369	21,200	3,169
35 years and over	25,742	20,647	5,095
Percent enrolled in school:			
3 and 4 years	35.7	36.2	34.3
5 to 14 years	94.5	94.5	94.5
15 to 17 years	94.4	94.8	93.4
18 and 19 years	55.9	56.6	53.0
20 to 24 years	28.1	30.0	18.5
25 to 34 years	12.0	13.4	7.1
35 years and over	5.1	5.5	3.9

Source: U.S. Bureau of the Census, 1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13 (September 1993), table 36.

Table 3.02-- EDUCATIONAL ATTAINMENT, BY GEOGRAPHIC AREA: 1990

Age and educational attainment	State total	Oahu	Other islands
Persons 18 to 24 years	118,184	97,548	20,636
•	•	I	9,397
High school graduate (includes equivalency)	51,928	42,531	,
Some college or associate degree	44,870	38,035	6,835
Bachelor's degree or higher	6,349	5,600	749
Persons 25 years and over	709,820	534,187	175,633
Less than 5th grade	24,642	18,003	6,639
5th to 8th grade	47,164	32,128	15,036
9th to 12th grade, no diploma	69,700	50,222	19,478
High school graduate (includes equivalency)	203,893	151,930	51,963
Some college, no degree	142,881	107,988	34,893
Associate degree, occupational program	34,376	24,598	9,778
Associate degree, academic program	24,740	18,149	6,591
Bachelor's degree	111,837	89,197	22,640
Master's degree	32,282	26,880	5,402
Professional school degree	12,818	10,359	2,459
Doctorate degree	5,487	4,733	754
Percent:			
Less than 5th grade	3.5	3.4	3.8
High school graduate or higher	80.1	81.2	76.6
Male	81.7	83.3	76.9
Female	78.4	79.2	76.2
Some college or higher	51.3	52.8	47.0
Bachelor's degree or higher	22.9	24.6	17.8
Male	24.4	26.4	18.4
Female	21.4	22.7	17.1

Source: U.S. Bureau of the Census, 1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13 (September 1993), table 36.

Table 3.03-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER: 1940 TO 1990

Years completed	1940	1950	1960	1970	1980	1990
Percent 4 years of high school or more 1/ Percent 4 years of college or more 2/	20.5 5.3	31.6 6.1	46.1 9.0	61.9 14.0	73.8 20.3	80.1 22.9

^{1/} For 1990, percent high school graduate or higher.

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, Final Report PC(1)-13C, table 47; U.S. Census of Population: 1970, Final Report PC(1)-C13, table 46; 1980 Census of Population, PC80-1-C-13, table 61; 1990 Census of Population, Social and Economic Characteristics, Hawaii, 1990 CP-2-13, table 1.

^{2/} For 1990, percent Bachelor's degree or higher.

Table 3.04-- EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OLD AND OVER, BY COUNTIES: 1990

Subject	State total	Hawaii	Honolulu	Kalawao	Kauai	Maui
Population 25 years and over Percent	709,820	77,099	534,187	130	33,045	65,359
High school graduate or higher With bachelor's degree or higher	80.1 22.9	77.7 18.5	81.2 24.6	51.5 4.6	73.1 16.3	77.0 17.8

Source: U.S. Bureau of the Census, 1990 Census of Population and Housing, Summary Social, Economic, and Housing Characteristics, Hawaii (April 1992), table 4.

Table 3.05-- YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, FOR THE UNITED STATES AND HAWAII: MARCH 1998

[Noninstitutional population]

		_	ol graduate nore		's degree nore
Geographic area	Population 25 years and over (1,000)	Percent	1.6* (s.e.) 1/	Percent	1.6*(s.e.) 1/
United States Hawaii Rank 2/	172,211 773 40	82.8 84.6 23	0.3 2.2 	24.4 24.0 22	0.3 2.6

^{1/} The value of 1.6 times the standard error, added to and subtracted from the estimated percentage, yields the 90-percent confidence level.

Source: U.S. Bureau of the Census, *Educational Attainment in the United States: March 1998*, Detailed Tables, from website http://www.census.gov/.

^{2/} Among the 50 states.

Table 3.06-- PRIVATE EDUCATIONAL SERVICES (SIC 82), BY TYPE OF SERVICE: 1997

	No. of estab		ablishments		
SIC code	Type of service	Total	20 or more employees	Employees, week including March 12	Annual payroll (\$1,000)
	,		. ,		,
82	Educational services	325	70	11,297	272,982
821	Elementary and secondary schools	113	49	6,471	188,052
822	Colleges and universities	28	9	3,575	64,955
823	Libraries	5	1	33	926
824	Vocational schools	34	-	164	3,925
829	Schools and educ. services, n.e.c.	145	11	1,054	15,124

Source: U.S. Bureau of the Census, *County Business Patterns 1997*, *Hawaii*, CBP 97-13 (September 1999), p. 12.

Table 3.07-- PRIVATE EDUCATIONAL SERVICES (NAICS 61), BY TYPE OF SERVICE: 1997

NAICS code	Type of service	Establish- ment (number)	Receipts/ Revenue (\$1,000)	Employees, week including March 12	Annual payroll (\$1,000)
611 6114	Educational services Business schools, & computer &	277	75,686	1,610	26,096
	management training	27	8,687	189	4,686
6115	Technical & trade schools	29	13,582	184	3,790
6116	Other schools & instruction	203	44,194	1,140	14,787
6117	Educational support services	18	9,223	97	2,833

Source: U.S. Bureau of the Census, 1997 Economic Census, Educational Services, Geographic Area Series EC97S61A-HI (August 1999), p. 7.

Table 3.08-- PUBLIC AND PRIVATE SCHOOL ENROLLMENT, BY GRADES: 1997 TO 1999

	S	September 199	7	September 1998			September 1999		
Grade	Total	Public 1/	Private	Total	Public 1/	Private	Total	Public 1/	Private 3/
All grades	226,610	189,887	36,723	224,771	188,069	36,702	222,086	185,860	36,226
Nursery	4,763	606	4,157	5,018	674	4,344	3,988	824	3,164
Kindergarten	17,466	14,915	2,551	16,806	14,481	2,325	15,555	14,055	1,500
1	17,818	15,617	2,201	17,060	14,904	2,156	15,535	14,227	1,308
2	17,839	15,642	2,197	17,016	14,954	2,062	15,382	14,149	1,233
3	16,522	14,489	2,033	16,904	14,863	2,041	15,457	14,184	1,273
4	15,820	13,813	2,007	15,750	13,730	2,020	15,455	14,152	1,303
5	15,323	13,376	1,947	15,170	13,202	1,968	14,493	13,184	1,309
6	15,137	12,908	2,229	14,833	12,674	2,159	14,073	12,591	1,482
7	15,134	12,227	2,907	14,830	11,934	2,896	13,783	11,937	1,846
8	15,272	12,345	2,927	14,476	11,601	2,875	13,199	11,354	1,845
9	17,579	14,742	2,837	16,999	14,103	2,896	15,345	13,317	2,028
10	15,507	12,660	2,847	15,106	12,374	2,732	13,833	11,804	2,029
11	14,115	11,527	2,588	14,297	11,531	2,766	13,047	11,115	1,932
12	11,928	9,459	2,469	12,126	9,523	2,603	11,674	9,698	1,976
Specials 2/	16,387	15,561	826	18,380	17,521	859	19,812	19,269	543

NA Not available.

Source: Hawaii Council of Private Schools, *Private School Enrollment Report* (annual), Hawaii State Department of Education, records.

The State of Hawaii Data Book 1999

^{1/} Data exclude UH Lab School (not available in 1995).

^{2/} Public school data include ungraded students in special schools.

^{3/ 1999} data for Hawaii Catholic Schools are included in the total but not reflected in the individual grade

Table 3.09-- PUBLIC SCHOOL ENROLLMENT BY GRADES, BY COUNTIES: SEPTEMBER 1999

Grade	State total 1/	Hawaii	Maui	Honolulu 1/	Kauai
All grades	185,860	27,675	21,655	125,579	10,860
Nursery Kindergarten 1 2 3 4 5 6 7 8 9 10 11	824	118	85	569	39
	14,055	1,793	1,494	10,019	749
	14,227	1,865	1,579	9,992	791
	14,149	1,959	1,524	9,940	725
	14,184	2,027	1,519	9,829	809
	14,152	2,013	1,555	9,830	754
	13,184	1,876	1,487	9,101	720
	12,591	1,838	1,360	8,637	756
	11,937	1,781	1,349	8,073	734
	11,354	1,823	1,385	7,472	674
	13,317	2,219	1,561	8,825	710
	11,804	1,915	1,458	7,751	680
	11,115	1,884	1,372	7,156	703
12	9,698	1,653	1,185	6,247	613
Specials 2/	19,269	2,911	2,742	12,138	1,403

^{1/} Data exclude UH Lab School.

Source: Hawaii State Department of Education, records and http://www.k12.hi.us/public/stats/EN98a.NSF

^{2/} Includes ungraded students in special schools.

Table 3.10-- PRIVATE SCHOOLS, TEACHERS, AND ENROLLMENT, 1993-1994 TO 1997-1998, AND PRIVATE HIGH SCHOOL GRADUATES, 1991-1992 TO 1996-1997

[Data limited to schools that offer first grade or above. Teacher count is FTE]

				High schoo	l graduates
School year	Number of schools	Enrollment	FTE teachers	Year	Number
<u>, </u>					
1993-94	121	30,537	2,144	1991-92	1,886
1995-96	127	34,541	2,532	1994-95	2,603
1997-98	126	33,300	2,658	1996-97	2,618

Source: National Center for Education Statistics, Private School Universe Survey, 1993-94, NCES 96-143 (May 15,1996), Private School Universe Survey, 1995-96, NCES 98-229 (March 25,1998), Private School Universe Survey, 1997-98, NCES 1999-319 (August 31,1999).

Table 3.11-- SCHOLASTIC ASSESSMENT TEST SCORE AVERAGES: 1998 AND 1999

[Recalibrated averages, not directly comparable to earlier data reported in *Data Book 1995*, table 3.17. Formerly known as the Scholastic Aptitude Test]

	Hawaii	seniors	U.S. averages		
Component	1998	1999	1998	1999	
Mathematical Verbal	513 483	513 482	512 505	511 505	

Source: Honolulu Star Bulletin, August 31, 1999.

Table 3.12-- STANFORD ACHIEVEMENT TEST RESULTS FOR PUBLIC SCHOOL GRADES 3, 5, 7, AND 9: SPRING 1999

[Percent of students taking test. The 1999 test differed in several respects from the 1998 test reported in the *Databook 1998*, table 3.17]

		Hawaii results , by grade				
Subject and level	U.S. Average	Grade 3	Grade 5	Grade 7	Grade 9	
Reading: Low Average High	23 54 23	28 56 16	26 56 18	28 54 18	36 53 11	
Math: Low Average High	23 54 23	24 52 23	25 49 27	24 53 22	21 58 20	
Open-ended reading: 1/ Low Average High	23 54 23	23 54 23	12 61 26	26 60 14	29 50 21	

^{1/} New category in 1999. Essay type rather than multiple-choice, as used in reading and math questions. Source: *Honolulu Star-Bulletin*, December 17, 1999, p. A-7.

Table 3.13-- ENROLLMENT AT THE UNIVERSITY OF HAWAII, BY CAMPUS: FALL 1989 TO 1999

[Fall headcount enrollment of regular students]

		Uni	versity of H				
			Class	sified			
Year	Total, all campuses	Total	Under- graduates	Gradu- ates	Unclassi- fied 1/	Univ. of Hawaii at Hilo 2/	Univ. of Hawaii- West Oahu
1989	43,785	18,622	12,021	4,601	2,000	1,935	601
1990	45,870	18,874	12,073	4,809	1,992	2,564	652
1991	47,668	19,383	12,530	5,005	1,848	2,681	667
1992	49,851	19,865	12,838	5,207	1,820	2,966	692
1993	50,647	20,090	12,991	5,343	1,756	3,174	676
1994	51,677	20,041	12,903	5,518	1,620	2,987	744
1995	50,242	19,801	13,050	5,220	1,531	2,872	716
1996	47,379	18,252	12,216	4,789	1,247	2,800	648
1997	45,551	17,365	11,782	4,514	1,069	2,639	648
1998	45,337	17,013	11,500	4,508	1,005	2,730	685
1999	46,479	17,612	11,458	4,741	1,413	2,790	687

Community Colleges 3/

Year	Total	Honolulu	Kapiolani	Leeward	Windward	Hawaii	Kauai	Maui
1989	22,627	4,199	5,741	5,652	1,606	2,038	1,313	2,078
1990	23,780	4,383	6,292	5,812	1,627	1,896	1,424	2,346
1991	24,937	4,466	6,550	6,351	1,616	1,857	1,507	2,590
1992	26,328	4,774	7,132	6,135	1,787	2,207	1,580	2,713
1993	26,707	4,741	7,375	6,473	1,642	2,415	1,464	2,597
1994	27,905	4,824	7,648	6,507	1,767	2,815	1,518	2,826
1995	26,853	4,445	7,329	6,368	1,674	2,811	1,461	2,765
1996	25,679	4,090	7,373	6,014	1,518	2,463	1,367	2,854
1997	24,899	3,970	7,189	5,936	1,513	2,221	1,283	2,787
1998	24,909	4,124	7,236	5,765	1,491	2,308	1,136	2,849
1999	25,390	4,769	7,254	5,570	1,514	2,279	1,142	2,862

Note: Unclassified includes Specials, beginning Spring 1999. Data for prior years have been adjusted from records and therefore may not tie to number published in previous years.

- 1/ Unclassified at UH Manoa; also includes "no data on educational level."
- 2/ Excludes Hawaii Community College, which until Fall 1991 was organizationally part of UH Hilo.
- 3/ Data for all years include Hawaii Community College, which until Fall 1991 was organizationally part of UH Hilo.

Source: University of Hawaii, Institutional Research Office, records.

Table 3.14-- DEGREES, DIPLOMAS, AND CERTIFICATES AWARDED BY THE UNIVERSITY OF HAWAII: 1989 TO 1999

		University of Hawaii at Manoa				
Year ended June 30	Asso- ciate's	Bache- Ior's	Master's	Doc- torate	First profes- sional 1/	Other 2/
1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	92 87 78 41 - - - - -	2,404 2,431 2,362 2,410 2,527 2,537 2,603 2,782 2,659 2,528 2,481	833 804 835 932 1,088 1,018 1,070 1,053 1,168 932 1,041	162 114 143 140 147 166 155 186 175 161	119 113 118 116 115 133 121 122 129 128 127	224 235 217 211 250 314 331 285 164 81 54
	_	of Hawaii ilo 3/		Community Colleges 3/		
Year ended June 30	Certifi- cates 4/	Bachelor's degree	Univ. of Hawaii- West Oahu: Bachelor's	Certifi- cates 5/	Asso- ciate's degree	No data
1989 1990 1991 1992 1993 1994 1995 1996	30 29 44 47 62 64 73 82 45	154 203 210 222 280 311 367 414 421	116 126 149 135 190 161 186 199	247 274 285 260 316 347 516 422 372	1,805 1,919 1,950 2,063 2,135 2,022 2,107 2,201 2,304	21 20 - 42 22 17 1

^{1/} Includes Doctor of Jurisprudence (J.D.) and Doctor of Medicine (M.D.).

Source: University of Hawaii, Institutional Research Office, records.

^{2/} Certificates in Dental Hygiene and professional diplomas.

^{3/} Due to Hawaii CC's organizational transfer from the UH Hilo unit to the community college unit in Fall 1991, the community college figures have been retroactively adjusted to include Hawaii CC and the UH Hilo figures adjusted to exclude Hawaii CC.

^{4/} Professional Certificates in Education.

^{5/} Certificates of Achievement.

Table 3.15-- UNIVERSITY OF HAWAII CURRICULA, TUITION, FINANCES, AND FACULTY AND STAFF: 1997 TO 1999

	Subject	1997	1998	1999
Curricula offered at Manoa Campus, Fall 1/		280	282	285
Bachelor's degree pro	•	88	90	283 88
<u> </u>	_	87	87	88
Master's degree programs		55	56	58
Doctoral programs (DrPH, EdD, PhD) Other programs 1/		50	49	51
Tuition per semester (furegular session) (dollar	•			
Manoa Campus:	Resident	1,416	1,464	1,512
·	Nonresident	4,656	4,704	4,752
Hilo (upper division):	Resident	1,068	1,104	1,140
	Nonresident	3,852	3,888	3,924
West Oahu:	Resident	876	912	948
	Nonresident	3,444	3,480	3,516
Community colleges:	Resident	468	492	516
	Nonresident	2,856	2,880	2,904
Finances, fiscal year en	ding June 30:			
Current fund revenues	s (\$1,000)	575,003	621,334	653,675
Current fund expendit	ures (\$1,000)	648,926	688,945	676,483
Faculty and staff, Octob	per	7,816	7,830	7,956
Board of Regents app	oointees	6,132	6,156	6,253
Full-time		4,120	4,111	4,162
Part-time		2,012	2,045	2,091
Civil Service personne	el	1,684	1,674	1,703
Full-time		1,641	1,625	1,659
Part-time		43	49	44

^{1/} Includes 2-year, undergraduate, and graduate certificate programs; first professional degree programs (JD, MD); and other programs.

Source: University of Hawaii, Institutional Research Office, records.

Table 3.16-- ENROLLMENT AND EARNED DEGREES CONFERRED, FOR PRIVATE COLLEGES AND UNIVERSITIES: 1993 TO 1999

[Excludes extension programs of mainland and foreign schools, unaccredited institutions, and other limited or specialized curriculum programs]

	Fall enrollment 2/			Earned degrees conferred 3/			
Year and institution 1/	Total	Undergrad.	Graduate	Asso- ciate's	Bache- lor's	Master's	
1994, total	12,435	11,108	1,327	490	1,305	335	
Brigham Young	2,096	2,096	-	50	280	-	
Chaminade	2,429	2,037	392	147	186	129	
Hawaii Pacific	7,910	6,975	935	293	839	206	
1995, total	12,672	11,104	1,568	476	1,303	425	
Brigham Young	2,241	2,241	-	39	253	-	
Chaminade	2,395	1,889	506	178	200	147	
Hawaii Pacific	8,036	6,974	1,062	259	850	278	
1996, total	13,209	11,577	1,632	374	1,292	468	
Brigham Young	2,396	2,396	-	31	233	-	
Chaminade	2,543	2,023	520	169	193	167	
Hawaii Pacific	8,270	7,158	1,112	174	866	301	
1997, total	13,296	11,710	1,586	356	1,362	474	
Brigham Young	2,294	2,294	-	29	212	-	
Chaminade	2,612	2,130	482	168	231	137	
Hawaii Pacific	8,390	7,286	1,104	159	919	337	
1998, total	13,496	11,764	1,732	436	1,518	491	
Brigham Young	2,301	2,301	-	28	267	-	
Chaminade	2,690	2,034	656	173	236	145	
Hawaii Pacific	8,505	7,429	1,076	235	1,015	346	
1999, total	13,539	11,738	1,801	461	1,620	578	
Brigham Young	2,276	2,276	-	22	312	-	
Chaminade	2,740	2,029	711	190	287	220	
Hawaii Pacific	8,523	7,433	1,090	249	1,021	358	

^{1/} Brigham Young University, Hawaii Campus (in Laie); Chaminade University of Honolulu; Hawaii Pacific University (in Honolulu).

Source: Compiled by Hawaii State Department of Business, Economic Development & Tourism from college officials.

^{2/} In regular credit programs.

^{3/} Year ended June 30.

Table 3.17-- RESIDENCE AND MIGRATION OF FRESHMEN STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION AND FRESHMEN STUDENTS GRADUATING FROM HIGH SCHOOL IN THE PAST 12 MONTHS: FALL 1996

		Freshmen students 2/			
Category	New undergraduate students 1/	Total	In 4-year colleges		
Students enrolled in State 3/	9,519	6,062	3,037		
Students residents of State 4/	9,936	7,020	3,929		
Students remaining in State 5/	7,611	4,951	1,978		
Migration of students:					
Out of State	2,325	2,069	1,951		
Into State	1,908	1,111	1,059		
Net migration	-417	-958	-892		

- 1/ Students who are enrolled at the reporting institution for the first time at the undergraduate level.
- 2/ Freshman students, graduating from high school in the past 12 months, who are enrolled at the reporting institution for the first time.
 - 3/ New students, whether in-migrants or "remaining."
- 4/ New students residing in Hawaii when first admitted to the reporting institution, whether in Hawaii or on the Mainland.
 - 5/ New students attending institutions in their home state.

Source: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics* 1998, pp. 225-227.

Table 3.18-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM: 1994 TO 1999

Subject	1994	1995	1996	1997	1998	1999
Library locations,						
June 30	49	49	49	49	49	50
Oahu	23	23	23	23	23	23
Other islands	26	26	26	26	26	27
Personnel, June 30 1/	614.05	514.05	512.05	512.05	512.05	512.05
Librarians	179.00	159.00	159.00	159.00	159.00	157.00
All others	435.05	355.05	353.05	353.05	353.05	355.05
Hours open 2/	55	53	53	53	53	53
Collections, June 30 (1,000)	3,364	3,644	3,662	3,197	3,201	3,317
Circulation, year ended June 30 (1,000)	7,259	7,499	7,407	7,602	7,781	7,345

^{1/} Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions, and excluding student help.

Source: Hawaii State Public Library System, Administrative Services Branch, records.

^{2/} Regular weekly totals for Hawaii State Library, Honolulu.

Table 3.19-- CHARACTERISTICS OF THE HAWAII STATE LIBRARY SYSTEM BY DISTRICTS: 1999

District	Library locations, June 30	Personnel, June 30 1/	Circulation, year ended June 30
Total system	50	512.05	7,344,856
Oahu Hawaii State Library	23 1	306.00 85.00	5,002,276 667,126
East Oahu Library District	12 9	120.50	2,423,713
West Oahu Library District Library for the Blind and Physically	9	88.50	1,874,469
Handicapped Other islands	1 27	12.00 129.05	36,968 2,342,580
Hawaii Library District	13	58.05	1,114,005
Kauai Library District Maui Library District 2/	6 8	28.50 42.50	501,876 726,699
Administration/Centralized Processing Center		77.00	

Collections, June 30

Books	Periodical subscriptions	Video tapes	Sound recordings 3/
3,066,872	5,378	51,136	199,398
1,999,187 532,257 853,895 613,035 1,031,740 464,553 226,002 341,185	3,116 1,631 1,035 450 2,231 1,010 417 804	30,344 5,237 16,266 8,841 20,591 8,939 6,171 5,481	62,683 13,681 29,891 19,111 31,538 9,801 9,487 12,250
	3,066,872 1,999,187 532,257 853,895 613,035 1,031,740 464,553 226,002	Books subscriptions 3,066,872 5,378 1,999,187 3,116 532,257 1,631 853,895 1,035 613,035 450 1,031,740 2,231 464,553 1,010 226,002 417 341,185 804	Books subscriptions tapes 3,066,872 5,378 51,136 1,999,187 3,116 30,344 532,257 1,631 5,237 853,895 1,035 16,266 613,035 450 8,841 1,031,740 2,231 20,591 464,553 1,010 8,939 226,002 417 6,171 341,185 804 5,481

NA Not available

Source: Hawaii State Public Library System, Administrative Services Branch, records.

^{1/} Full-time equivalent basis, but including permanent and temporary State general-funded positions and temporary Federal funded positions but excluding student help.

^{2/} Includes libraries on Lanai (1 location), Maui (6 locations), and Molokai (1 location).

^{3/} Includes phonotapes and CDs.

^{4/} Includes print, braille, and recorded media.

Table 3.20-- UNIVERSITY OF HAWAII LIBRARY SYSTEM HOLDINGS AND CIRCULATION, BY CAMPUS: 1998 AND 1999

		f volumes, e 30	Circulation, year ended June 30		
Campus	1998	1999	1998	1999	
All campuses	3,597,854	3,672,002	725,317	749,924	
University of Hawaii at Manoa 1/	2,991,974	3,055,401	537,331	577,544	
University of Hawaii-West Oahu	26,708	26,829	5,585	4,725	
University of Hawaii at Hilo 2/3/	252,187	257,688	66,006	61,028	
Community colleges, total 2/	326,985	332,084	116,395	106,627	
Honolulu	55,012	54,372	8,376	8,641	
Kapiolani	67,133	68,755	28,252	26,060	
Leeward	64,687	65,214	19,811	16,896	
Windward	46,417	45,816	12,391	11,550	
Kauai	48,095	49,381	9,990	9,026	
Maui 4/	45,641	48,546	37,575	34,454	

^{1/} Volumes total includes Government Documents Collection. Circulation total includes media use at Wong Audiovisual Center.

Source: University of Hawaii at Manoa, University Libraries, records.

^{2/} Hawaii Community College and UHH West Hawaii campus are included with the University of Hawaii at Hilo.

^{3/} UH Hilo bound volumes also include Government Documents.

^{4/} Maui circulation also includes in-house and Interlibrary loan counts.